

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 08-241012 (71)Applicant : NIPPON YOURIYOKUSO KK

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## (54) PRODUCTION OF CATECHINS HAVING LOW CATECHIN CONTENT

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for producing high-purity catechin by efficiently removing caffeine contained in tea leaf.

**SOLUTION:** This method comprises an absorption step for absorbing catechins by passing an extract containing catechins obtained by extracting tea leaf with hot water through a chromatographic column in which an absorbent is packed, a washing step for washing a part of caffeine which is methylxanthine away by washing the chromatographic column with water and an elution step for eluting catechines absorbed in the chromatographic column from the chromatographic column by using one kind of methanol, ethanol and acetone solvents or aqueous solution thereof as an eluent.

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